



---

# **Machine design my gpa StarTracker**

30/11/2025

---

**Yuvraj Cheema, Samuel Sjoden, Connor Floyd, Taichi Kamei,  
Ari Cholakian, Bram Banik, Austin Bai**

2025-2026  
*MECH 325*



**Table of Contents**

I - INTRODUCTION ..... 3

II - PURPOSE ..... 4

III - DETAILED ANALYSIS ..... 5

IV - RESULTS & FINAL DESIGN ..... 6

V - CONCLUSIONS & RECOMMENDATIONS ..... 7

VI - APPENDIX A ..... 8

VII - APPENDIX B ..... 9

## Chapter 1

---

# INTRODUCTION

---

## Chapter 2

---

# PURPOSE

---

## Chapter 3

---

# DETAILED ANALYSIS

---

## Chapter 4

---

# RESULTS & FINAL DESIGN

---

## Chapter 5

---

# CONCLUSIONS & RECOMENDATIONS

---

## Chapter 6

---

# APPENDIX A

---

## Chapter 7

---

# APPENDIX B

---